LET	ALTERATION	DATE	BY
A	ADDED 28A5598 BRACKET TO FACE OF DWG.	7/14/41	
B	REV. REQ./AIRPL. BLK. NO WT. CHG.	3-13-43	
C	CREATED -3 ASSEM. NO WT. CHG.	3-13-43	

E.O. A4556
E.O. A92062

INCORPORATES
PBY-5 BUAERO CHG. NO. 10
PBY-5A BUAERO CHG. NO. 5

28A5596 (REF.) LOCATE ALONG 28A5592 TO BUTT AGAINST 28A6596 AS SHOWN.
INSULATE WITH FABRIC & MARINE GLUE.
28A5593 REF
28A5596 REF
28A6594-L&R REF

SECTION C-C
SCALE-12"=1'-0"

28A5104 REF
28A5021 REF
-7 REF
28A5594-L&R (REF)
28A5104 REF

SECTION B-B
SCALE-12"=1'-0"
-0 ASSEM ONLY

NOTE:
LOCATE STOWAGE CLIP TO SUIT GUARD (28A5592) AND AVOID INTERFERENCE OF GUARD WITH CONTINUOUS FEED MECHANISM

28A6109 CLIP
AN442-D4
(10) SUB ASSEM.
(9) CHANNEL
INSULATE FROM 28A6109 WITH FABRIC & MARINE GLUE.
28A5592 (REF.)
1 3/8
2 1/4
1 1/4
(8L) (8R) ANGLE MADE FROM 6494 EXT.
AN515-8-8 SCREW
9689066 NUT
Q7102-A8 WASHER.

VIEW D-D
12"=1'-0"

(7)
9689066 NUT
AN505-8-12-BOLT
AN515-8-12
9689066
AN515-8-8
9689066
Q7102-A8.
1/2
5/8

VIEW A-A
SCALE-12"=1'-0"
-0 ASSEM ONLY

28A5595
AN960-D8 WASHER
AN515-8-10
9689066
Q7102-A8
AN515-8-8
9689066
Q7102-A8
28A5594-L&R
28A5597 BRACKET
28A5597R
28A5592 (REF)
28A5593
28A5595
(6) SUB ASSEMBLY
A
B

NOTE:
LOCATE BRACKETS FORE & AFT ALONG SHIELD (28A5021 & 28A5104) TO SUIT GUARD (28A5592)

DETAIL-D
SCALE-12"=1'-0"

28A5104 (REF.)
28A5107 BRKT
28A5107R
28A5108 ANGLE
28A5108R
(6)
1/2
5/16

VIEW A-A
12"=1'-0"
-2 ASSEM. ONLY.

3 1/2
1/2

DETAIL -7
SCALE 12"=1'0

STA #6.8
(C) 15 1/2 APPROX. -0, -2 ASSEM.
17 APPROX. -3 ASSEM.
28B4122 CHANNEL-REF
HULL CONTOUR AT CHANNEL.
(C) 1 3/8 APPROX. -0, -2 ASSEM.
3/4 APPROX. -3 ASSEM.
42°
(A) 28A5598 BRACKET
AN960-D416 WASHER (4)
AN4-16A-BOLT
SCOVILL 9689076-NUT
Q600-8-30.5-SPACER
AN520-10-8 SCREW
9689067 NUT
Q7102-A10 WASHER
D
D

DETAIL-C
SCALE-12"=1'-0"

BLISTER CONTOUR
ROTATING SHIELD IN OPEN POSITION
STA #5.0
STA #6.8
28A5592 FIRING GUARD
28A5592 R
D
℄ BLISTER SHIELD
28A4010-50 MOUNT REF
28B4122-CHANNEL REF
C
STOWED POSITION OF FIRING GUARD

L.H. VIEW

REAR VIEW

PART NO.	STOCK	MATERIAL	SPEC.	-0 LH	-0 RH	-2 LH	-2 RH	-3 LH	-3 RH	-4 LH	-4 RH	-5 LH	-5 RH
AN442-4				2									
28A6109				1									
-9	KS027 x 1 1/8 -	AL ALLOY EXT.	46A9-T	1									
	-10 SUB ASSEM												
AN420-4				2									
28A5596				1									
28A5593				1									
	-6 SUB ASSEM												
9689076				1	1	1	1	1	1				
9689067				6	6	5	5	5	5				
9689066				20	20	19	19	19	19				
AN515-8-12				2	2	2	2	2	2				
AN960-D416				4	4	4	4	4	4				
AN505-8-12				1	1	1	1	1	1				
AN515-8-10				3	3	2	2	2	2				
AN960-D8				1	1	1	1	1	1				
AN515-8-8				16	16	13	13	13	13				
AN520-10-8				5	5	5	5	5	5				
AN4-16A				1	1	1	1	1	1				
Q7102-A10				10	10	10	10	10	10				
Q7102-A8				29	29	29	29	29	29				
Q600-8-30.5				1	1	1	1	1	1				
28A5108R							1		1				
28A5108						1		1					
28A5107R							1		1				
28A5107						1		1					
28A6594R				1	1								
28A6594				1	1								
28A6597R					1								
28A6597				1									
28A6596				1	1	1	1	1	1				
28A6598				1	1	1	1	1	1				
28A5598R					1		1		1				
28A5598				1		1		1					
-10	SUB ASSEM.			1	1	1	1	1	1				
-8R	6494 x 1 7/8	AL ALLOY EXT.	46A9-T		2		2		2				
-8	6494 x 1 7/8	AL ALLOY EXT.	46A9-T	2		2		2					
-7	.187 x 1/2 x 3 1/2	ALC. SHT.	47A9-T	1	1								
-6	SUB ASSEM			1	1	1	1	1	1				

PARTS LIST FOR ASSY.

	DASH NO.	MODEL	PART ASSY.	NO.
51876 #1-89	-2R	PBY-5	28F1002	1
	-2	PBY-5	28F1002	1
#151 ℄ ON	-3R	PBY-5B	28F7002	1
	-3	PBY-5B	28F7002	1
51876 #90 ℄ ON	-3R	PBY-5	28F1002	1
	-3	PBY-5	28F1002	1
	-2R	28-5AMN	28F6005	1
	-2	28-5AMN	28F6005	1
1-150	-2R	PBY-5B	28F7002	1
	-2	PBY-5B	28F7002	1
	-2R	PBY-5A	21F6002	1
	-2	PBY-5A	21F6002	1
C 70490 151 ℄ ON	-2R	PBY-5	28F1002	1
	-2	PBY-5	28F1002	1
1-150	-0R	PBY-5	28F1002	1
	-0	PBY-5	28F1002	1

REQUIREMENTS FOR AIRPLANE
REPLACES 28A5101 of 12-27-40
2.15
REPLACED BY
SCALE 12"=1'-0" & NOTED
STAMP PART NUMBER WHERE SHOWN

AC
NAVY NONE
ALL AP (... Z-P-AP)
HEAT TREAT
FINISH
7-8-41
NAME INSTAL - FIRING GUARD - WAIST GUN
OPP. HAND 28A5101-R
J 28A5101
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

